

Product datasheet for **RN213919**

Pex5l (NM_173152) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pex5l (NM_173152) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pex5l
Synonyms:	Pex2; TRIP8b; Trjip8b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN213919 representing NM_173152

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGTACCAGGGACACATGCAGGAAAAGGCTCTAGGGCTGCAGATAAGGCTGTTGCCATGGTGATGAAGG
AGATACCGAGGGAGGAGTCTGCAGAAAGAAAAGCCCTCCTTACTATGACATCACAGCTGGTGAATGAGCA
ACAAGAAAGCAGACCTCTCCTGAGCCCCCTCCATCGACGACTTCTCTGTGAAACCAATCCGAGGCCATT
GCAAAGCCAGTGACGTCCAACACAGCTGTGTTGACCACTGGCTTGGATCTCCTTGACCTGAGTGAACCCG
TCTCTCAAACCCAAACCAAGCAAGAAATCAGAGTCTCATCGAAGAGTTATCCCTCAAGAAGAAAGC
TGATGGCTCTGACCTCATCAGTGCAGATGCTGAGCAGAGAGCACAGGCTCTCCGAGGGCCAGAGACATCA
TCCTTAGATTTAGATATTCAAACACAATGAAAAATGGGATGATGTCAAGTTTCATGGTGACCGAACAA
GCAAGGGGCACCTCATGGCAGAGAGGAAGTCATGCTCTTCCAGAGCCGGATCAAAGAGCTTCTGTGGTC
CTCAGAACATAGATCTCAGCCAGAGCTGAGTACCGGAAAAGTGCCCTCAACTCCGAGTCGGCTTCTGAG
TTGGAACCTTGTGGCTCCAGCACAGGCTCGGCTGACCAAAGAGCATCGCTGGGGAAGCGCCCTGCTCTCCA
GGAACCATTCCTTAGAAGAGGAGTTTGAAGGGGAAAAGCAGCAGTAGAGTCAGATACGGAGTTCTGGGA
TAAGATGCAGGCAGAATGGGAAGAAATGGCCCGGAGGAATGGATATCAGAGAACCAGGAAGCTCAGAAC
CAAGTCACCGTCTCAGCCAGTGAGAAGGTTATTACTTTCACACTGAAAAATCCCTCAAGGACTGGCCTG
GAGCATTTGAAGAAGGCTTAAAAAGACTGAAGGAAGGGGACCTGCCCGTCACCATCTGTTCATGGAAGC
AGCGATCCTTCAGGACCTGGAAACGCTGAGGCATGGCAGTTTCTTGGTATAACCCAGGCCGAGAATGAA
AACGAACAGGCAGCCATTGTGCCCCTCCAGAGGTGCCTGGAGTTGCAGCCCAACAACCTTGAAGGCTCTGA
TGGCCTTGGCTGTGAGTTACACCAATACCAGCCACCAGCAGGATGCTTGTGAGGCGCTGAAGAACTGGAT
TAAGCAAAACCCAAAGTACAAGTACCTTGTGAAGAACAAAGGCTCTCCAGGCCCTCACGCGGCGAATG
TCTAAATCCCCAGTTGACAGCTCTGTCCTGGAAGGGGTGAAGGACCTGTACCTGGAGGCTGCCACCAAAA
ATGGTGACATGATCGACCCAGACCTGCAGACGGTCTTGGAGTTCTGTTCCACCTGAGTGGAGAGTTCAA
CCGAGCGATCGATGCATTTAATGCTGCCTTAAGTTCGCGCCAGAGGATTACTGTTGTGGAACCGACTT
GGGGCAACCTTGGCAAATGGAGACCGCAGTGAGGAAGCTGTAGAGGCTACACGAGAGCACTGGAGATCC
AGCCAGGTTTCATCCGGTCCAGGTACAACCTGGGAATCAGCTGCATCAACCTGGGTGCCTACAGAGAAGC
GGTCAGCAACTTCTCACTGCCCTCAGCTTGCAGAGGAAGAGCAGGAACCAGCAGAGTCCCTCACCT
GCCATCTCCGGGAACATCTGGGCCGCCCTCAGGATTGCGCTGTCGCTGATGGACCAGCCAGAGCTCTTCC
AGGCAGCCAACCTCGGCACCTGGATGTCTCCTGAGAGCTTCAACTTGGATCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms:

https://cdn.origene.com/chromatograms/ja1439_f07.zip

Restriction Sites:

SgfI-MluI

ACCN:

NM_173152

Insert Size:

1809 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_173152.1](#), [NP_775175.1](#)

RefSeq Size: 1809 bp

RefSeq ORF: 1809 bp

Locus ID: 286937

UniProt ID: [Q925N3](#)

Cytogenetics: 2q24

Gene Summary: plays a role in cAMP-induced ACTH secretion [RGD, Feb 2006]